

## 86A SERIES BAG FILTER HOUSING

The **86A Series** has been designed to meet the demands of most liquid processing applications where bag filters have been selected. Our novel cast head incorporates an integral one piece inlet connection with top mounted vent point. The robust construction suits all areas of chemical and liquid processing plants. With minimal product hold up volumes and easy access to the disposable filter bag via the retained hinged lid, operators will always favour this style of housing when given a choice. Safety is also greatly improved for hazardous or high temperature fluids. The top entry, bottom outlet configuration holds almost 20% less in volume than the conventional side entry housing.

The **86A Series** filter assembly offers a cost effective and practical filtration solution for most liquid applications.

Available in 316L Stainless Steel it is suitable for operating at pressures of up to 10 bar g at 150°C and has a flow capacity of up to 30m<sup>3</sup>/Hr. Two housing sizes are available for the 7" diameter bags, P1 (16") single length and P2 (32") double length. Our perforated basket accommodates most standard commercially available filter bags found on the market today including steel ring, moulded polypropylene and many other types.




### Features and Benefits

- Investment cast top cover and inlet connection
- Swing bolt assemblies with eye nuts
- Vent tapping point on cover
- Wide range of options available for connection sizes and types
- Each housing is etched with a unique serial number for full traceability
- Housing customisation services available

### Product Range

Filtertechnik design and manufacture an extensive range of liquid filtration systems, providing one of the widest selections of filtration vessels, depth filters and pleated cartridges available today, ensuring excellent process and filter compatibility. As one of Europe's leading manufacturers of filtration systems, Filtertechnik is able to offer a solution to meet all filtration requirements. Our filters are manufactured in clean room conditions and all products come with detailed Product Validation Guides and Technical Support documentation.



Accessories	Part number
Pressure gauge and vent valve kit 	60S000016
Single Displacement Pod	80S011S01
Double Displacement Pod	80S012S01
Vent Valve	60S000010



## TECHNICAL DATA

### Maximum Operating Conditions

Pressure Range:	Liquid	FV / 10 bar g
	Gas Group 1 + 2	FV / 4.5 bar g
Temperature Range:	-10°C / 150°C	

### Materials of Construction

Body and Closure:	316LSt.Steel
Bolting:	Carbon Steel
<b>Finish</b>	
Vessel:	Bead Blasted inside and out
Swing Bolts:	Zinc plated carbon steel (Optional Stainless Steel)

### Connections

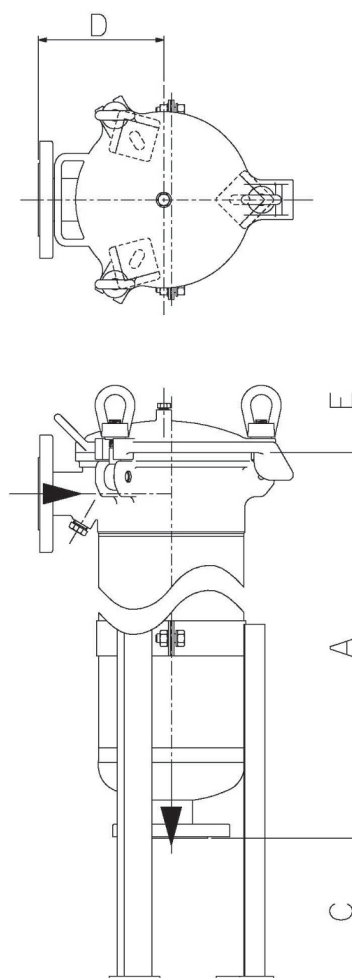
Inlet/Outlet:	2" BSPM / Flange
Vent:	1/4" BSPF with Plug

### PED Status: Compliant with 2014/68/EU

Fluid Groups:	Liquids Group 2
	Gas Group 2
Marking:	CE
Exceptions:	Group I Liquids - Explosive

### ATEX: Compliant with 2014/34/EU, level CE Ex II 2 GD c X

Technical drawings for each individual housing showing dimensions, volume, weights, maximum temperatures and design pressures available on request.



Model	Dimensions					Volume (Litres)	Dry Weight (kg)
	A	B	C	D	E		
86A11UHC20A1BE	464	-	180/315	170	350	13.8	24
86A12UHC20A1BE	824	-	0/315	170	700	25	29.5